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Sheet	1	of	2
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Application Number	10/519,131
Filing Date	
First Named Inventor	Jerome Soupe
Art Unit	
Examiner Name	
Attorney Docket Number	

[illegible][illegible]

Examiner Signature		Date Considered	08.15.06
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\*EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*Applicant's unique citation designation number (optional). \*See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. \*Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. \*Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.87 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/519,131
Filing Date	
First Named Inventor	Jerome Soupe
Art Unit	
Examiner Name	
Attorney Docket Number	

Sheet 2

of 2

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
NT	5	TAKADA et al., "Whey protein stimulates the proliferation and differentiation of osteoblastic MC3T3-E1 cells", Biochemical and Biophysical Research Communications, Vol. 223, 1996, pp. 445-449.	
Did not submit		Elsevier Inc., San Diego, California, USA, Volume 223, Issue 2, 14 June 1996, pp. 445-449.	
NT	6	HASHIMOTO et al "Epithelial properties of human intestinal Caco-2 cells cultured in a serum-free medium" Cytotechnology, Springer, Netherlands, Vol. 13(3) October 1993 175-184	
NT	7	HAAK-FRENDSCHO et al., "Transforming growth factor-β1 inhibits activation of macrophage cell line RAW 264.7 for cell killing," Clinical & Experimental Immunology, 1990 Clin. exp. Immunol. 82: 404-410.	
Did not submit		Blackwell Publishing Limited, United Kingdom, Volume 82 Issue 2, November 1990, p404-410.	
NT	8	YAMAMURA et al "High Mobility Group-like Protein in Bovine Milk Stimulates the Proliferation of Osteoblastic MC3T3-E1 Cells" Biochemical & Biophysical Research Communications, Vol. 261, 1999, pp. 113-117.	
Did not submit		Elsevier Inc., San Diego, California, USA, Volume 261, Issue 1, 22 July 1999, Pages 113-117	
NT	9	TOBA et al "Milk basic protein: a novel protective function of milk against osteoporosis" Bone, Elsevier Inc, California, USA, Vol. 27(3), September 2000, Pages 403-408	
NT	10	ROGERS et al "Transforming growth factor beta in bovine milk: concentration, stability and molecular mass forms" Journal of Endocrinology, 1996 J. of Endocrinology 151: 77-86.	
Did not submit		Society for Endocrinology, Bradley Stoke, United Kingdom, Volume 151, Issue 1, October 1996, 77-86.	

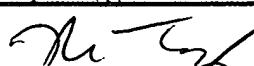
Examiner Signature	<i>NT</i>	Date Considered	08.15.06
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Substitute for form 1449/PTO (Revised 07/2005)  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)				<b>Complete if Known</b>		
				Application Number	10/519,131	
				Filing Date		
				First Named Inventor	Jerome Soupe	
				Group Art Unit		
Examiner Name						
Sheet	1	of	1	Attorney Docket Number	033339/286483	
<b>U. S. PATENT DOCUMENTS</b>						
Examiner Initials*	Cite No.	Document Number Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear	
MT	1	US-5,149,647	09/22/1992	Burling		
MT	2	US-6,096,870	08/01/2000	Miranda et al.		
		US-				
		US-				
<b>FOREIGN PATENT DOCUMENTS</b>						
Examiner Initials	Cite No.	Foreign Patent Document Country Code - Number Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	English Language Translation Attached
MT	3	WO 93/13676 A	07/22/1993	Campina Melkunie BV		YES
	4	WO 99/15024 A	04/01/1999	Sepragen Corp.		YES
	5	JP 08165249	06/25/1996	Snow Brand Milk Prod Co. Ltd.		Abstract
	6	EP 0704218 A	04/03/1996	Snow Brand Milk Prod Co. Ltd.		YES
	7	JP 09187250 A	07/22/1997	Snow Brand Milk Prod Co. Ltd.		Abstract
	8	EP 1010430 A	06/21/2000	Snow Brand Milk Prod Co. Ltd.		YES
	9	WO 97/27757 A	08/07/1997	Ayers et al.		YES
	10	FR 2 443 867 A	07/11/1980	Rhone Poulenc Ind.		NO
<b>OTHER DOCUMENTS</b>						
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				English Language Translation Attached
MT	11	HAHN et al., "Bovine whey fractionation based on cation-exchange chromatography", <u>Journal of Chromatography A</u> , <u>Elsier Science</u> , Vol. 795, No. 2, February 6, 1998, pp. 277-287.				YES
MT	12	CHIU et al., "Fractionation of lactoperoxidase and lactoferrin from bovine whey using a cation exchange membrane", <u>Journal of Food Science</u> 1997 <u>Dep. Of Food Sci.</u> , Univ. of Wisconsin, Vol. 62, No. 5, pp. 996-1000.				YES
Examiner Signature				Date Considered	08.15.06	

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